

PIG INSERTION FACILITY
 SPECIAL USE PERMIT
 13919 HUNTING RUN DRIVE
 TAX MAP NUMBER 10-7-82
 SPOTSYLVANIA COUNTY, VIRGINIA
 CHANCELLOR VOTING DISTRICT

IMPERVIOUS AREA INCREASE			
PRE-DEVELOPMENT EAST		POST-DEVELOPMENT EAST	
PERVIOUS	0.65 ACRES	PERVIOUS	0.33 ACRES
IMPERVIOUS	0.0 ACRES	IMPERVIOUS	0.32 ACRES

NOTE:
 FLOODPLAINS AND RESOURCE PROTECTION AREAS ARE
 PRESENT IN THE VICINITY OF THIS SITE.

- NOTES:
 1. A HISTORICAL BATTLE TRENCH IS LOCATED TOWARDS THE SOUTHEAST CORNER OF THE SUBJECT PARCEL. NO DISTURBANCE TO THIS TRENCH IS PROPOSED.
 2. THERE ARE NO KNOWN BURIAL LOCATIONS ASSOCIATED WITH THIS SITE.
 3. WATER QUALITY COMPLIANCE WILL BE MET THROUGH THE COMBINATION OF A GRASS SWALE AND PURCHASE OF 0.34 CREDITS.
 4. SPECIAL USE PERMIT (SUP) AREA EQUALS GENERAL DEVELOPMENT PLAN (GDP) AREA.
 SUP/GDP: 0.65 ACRES
 LAND DISTURBANCE: 0.65 ACRES
 5. DHR ID 088-5180 CHANCELLORSVILLE BATTLEFIELD COVERS THIS SITE AND SURROUNDING AREAS.

INDEX TO SHEETS

SHEET #	REVISION DATE	CONTENTS OF SHEET
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C-4		EASTERN PIG INSERTION SITE
C-5		SUP AREA
C-6		DETAILS
L-1		LANDSCAPING PLAN

LEGEND

ROAD AND DRAINAGE

	CULVERT OR STORM SEWER (WITH STRUCTURE NO.)
	EXISTING CULVERT OR STORM SEWER PIPE
	DROP INLET & STRUCTURE NO.
	PROPOSED MANHOLE
	EXISTING MANHOLE
	PAVED DITCH
	JUTE MESH OR SODDED DITCH
	EARTH DITCH - GRASS LINED
	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING SPOT ELEVATIONS
	PROPOSED SPOT ELEVATIONS (T/C - TOP OF CURB)
	BENCH MARK & REFERENCE NO.
	VDOT STANDARD STOP SIGN

SEWER

	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	SANITARY SEWER SERVICE CONNECTIONS
	MANHOLE NO. V./ STATION OR COORDINATE LOCATION
	EXISTING WATERLINE
	PROPOSED WATERLINE
	PROPOSED WATERLINE SERVICE CONNECTION
	GATE VALVE
	FIRE HYDRANT ASSEMBLY
	TEE OR TAPPING SLEEVE
	CROSS
	BLIND CAP
	REDUCER
	BORE CROSSING

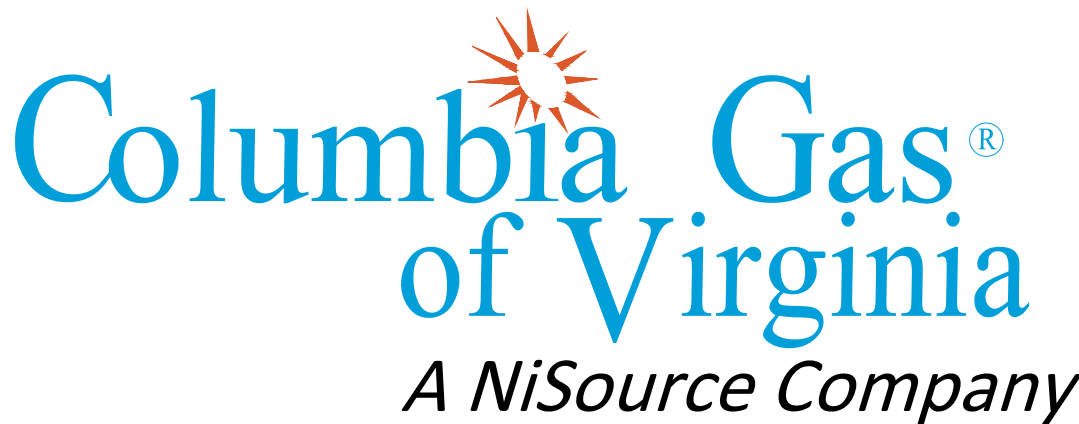
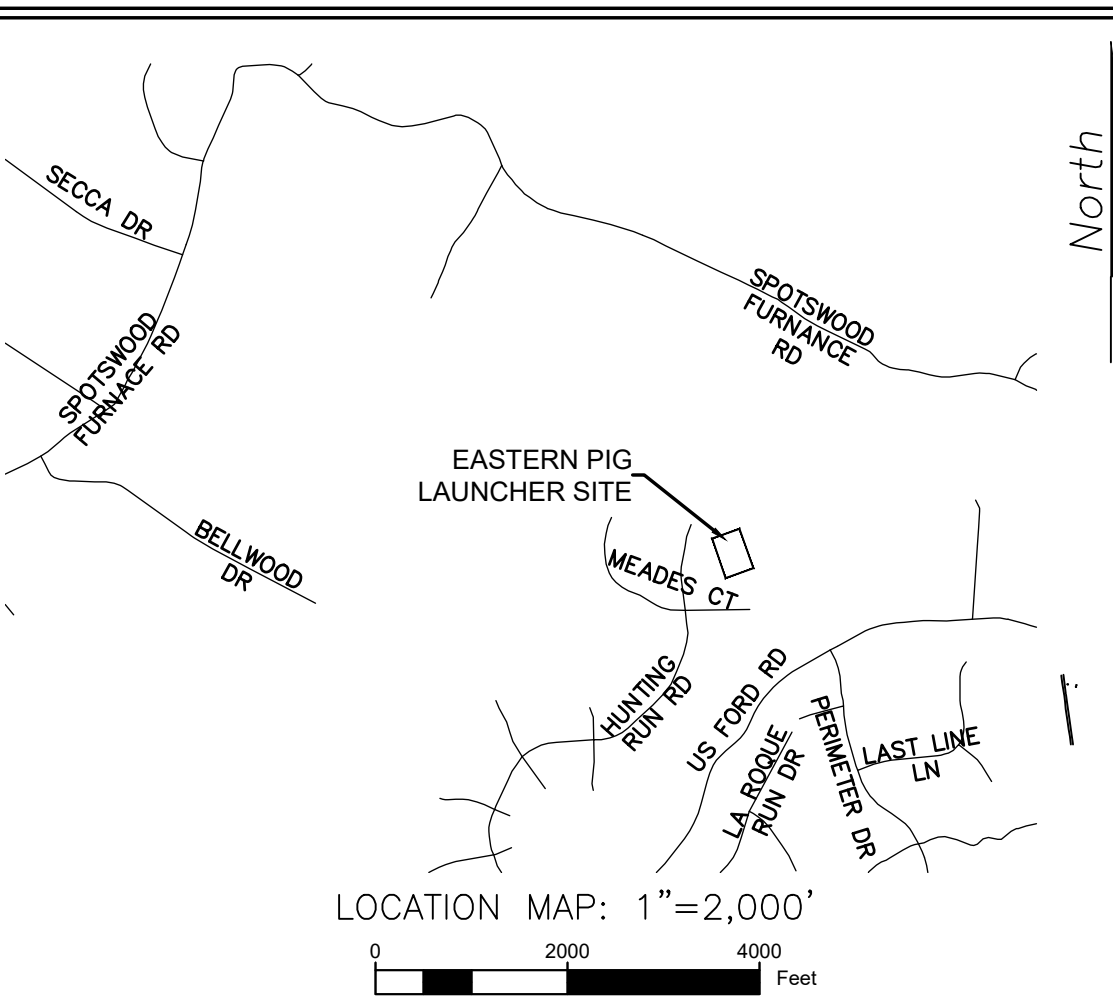
EROSION CONTROL

EROSION CONTROL DEVICES AS PER VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK	
STD. & SPEC.	
	CONSTRUCTION ENTRANCE
	SILT FENCE
	CULVERT INLET PROTECTION
	TEMPORARY DIVERSION DIKE
	TEMPORARY SEDIMENT TRAP
	OUTLET PROTECTION

TAX MAP #: 10-7-82
 PARCEL ZONING: RU
 OVERLAY DISTRICT: RESERVOIR PROTECTION OVERLAY; RIVER PROTECTION OVERLAY
 PROPOSED USE OF FACILITY: GAS PIPELINE MAINTENANCE AND INSPECTION
 LOT AREA (ACRES): 5.81 ACRES
 SUP AREA (ACRES): 0.65 ACRES (SUP AREA = GDP AREA)
 LAND DISTURBANCE: 0.65 ACRES
 ADDRESS: 13919 HUNTING RUN DRIVE
 APPROXIMATE TRAFFIC INCREASE: 0.5 VEHICLES PER 12 DIGIT HUC CODE: 020801031105
 PROPERTY OWNER: MINERAL SPRINGS PLANTATION, LLC

REVISIONS	
DATE	ITEM
4-12-18	PER CO. COMMENTS
5-1-18	PER CO. COMMENTS
5-21-18	PER CO. COMMENTS

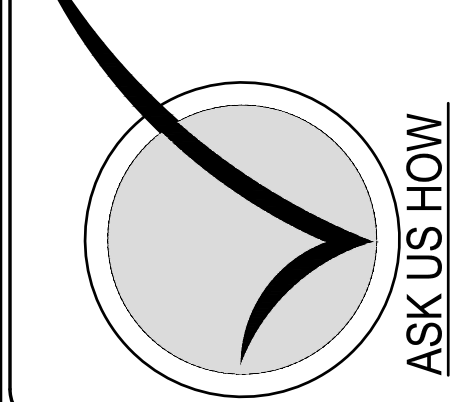
DATE	2-9-18
SCALE	
PROJECT MANAGER	BRIAN MITCHELL, P.E.
DESIGNED BY	RILEY MORGAN, E.I.T.
CHECKED BY	
PROJ.#	20150279
SHEET #	C - 1



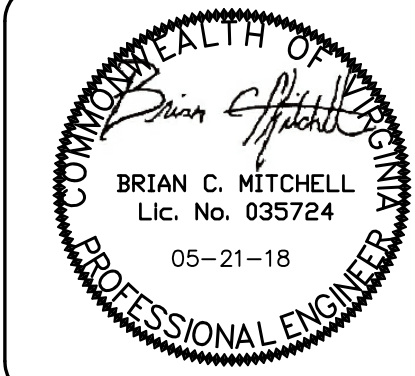
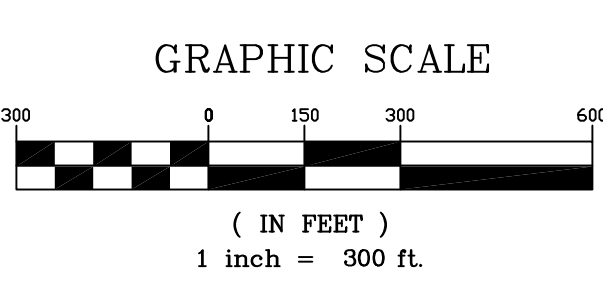
SITE DATA

APPLICANT NAME: COLUMBIA GAS OF VIRGINIA, INC.
 ADDRESS: 1809 COYOTE DRIVE
 CHESTER, VA 23836
 REPRESENTATIVE: KAL ABED
 EMAIL: KABED@NISOURCE.COM
 PHONE NO.: (804) 768-6444
 FAX NO.: (804) 690-4286
 PLAN PREPARER NAME: TOWNES SITE ENGINEERING
 ADDRESS: 9850 LORI ROAD, SUITE 201
 CHESTERFIELD, VA 23832
 REPRESENTATIVE: BRIAN MITCHELL
 EMAIL: BMITCHELL@CCTOWNES.COM
 PHONE NO.: (804) 748-9011
 FAX NO.: (804) 748-2590

Townes
 SITE ENGINEERING
 9850 Lori Road, Suite 201
 Chesterfield, Virginia 23832
 Phone:(804) 748-9011 Fax: (804) 748-2590
 Company Website: www.cctownes.com



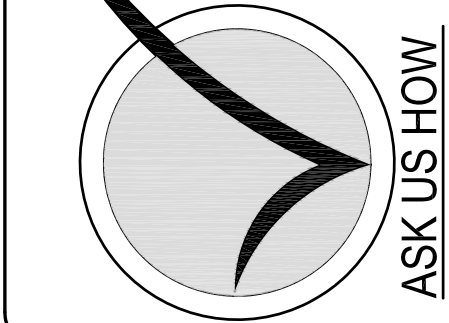
PIG INSERTION FACILITY
 SPOTSYLVANIA COUNTY, VIRGINIA
 COVER SHEET



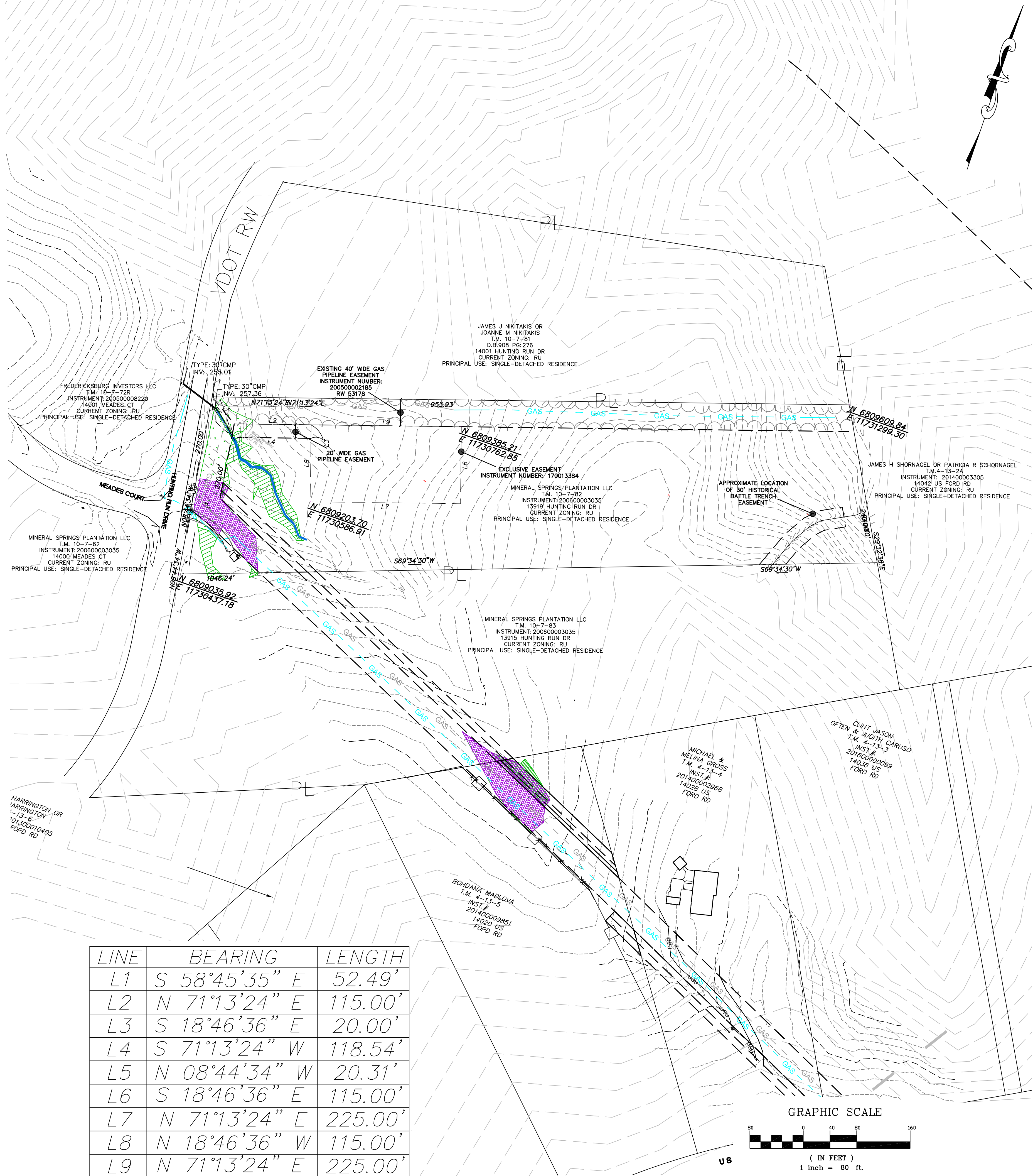
PIC INSERTION FACILITY
SPOTSYLVANIA COUNTY, VIRGINIA

REVISIONS	
DATE	ITEM
4-12-18	PER CO. COMMENTS
5-1-18	PER CO. COMMENTS
5-21-18	PER CO. COMMENTS

DATE 2-9-18
SCALE 1" = 300'
PROJECT MANAGER BRIAN MITCHELL, P.E.
DESIGNED BY RILEY MORGAN, E.I.T.
CHECKED BY
PROJ.# 20150279
SHEET # C - 2



Townes
SITE ENGINEERING
9850 Lori Road, Suite 201
Chesterfield, Virginia 23832
Phone: (804) 748-9011 Fax: (804) 748-2590
Company Website: www.cctownes.com



LINE	BEARING	LENGTH
L1	S 58°45'35" E	52.49'
L2	N 71°13'24" E	115.00'
L3	S 18°46'36" E	20.00'
L4	S 71°13'24" W	118.54'
L5	N 08°44'34" W	20.31'
L6	S 18°46'36" E	115.00'
L7	N 71°13'24" E	225.00'
L8	N 18°46'36" W	115.00'
L9	N 71°13'24" E	225.00'

Townes

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Chesterfield, Virginia 23832
Phone: (804) 748-9011 Fax: (804) 748-2590
Company Website: www.cctownes.com

ASK US HOW

COMM. HEALTH OF VA

Brian Mitchell

PROFESSIONAL ENGINEER

05-21-18

PIC INSERTION FACILITY

SPOTSYLVANIA COUNTY, VIRGINIA

EXISTING CONDITIONS

REVISIONS

DATE	ITEM
4-12-18	PER CO. COMMENTS
5-1-18	PER CO. COMMENTS
5-21-18	PER CO. COMMENTS

DATE

2-9-18

SCALE

1" = 80'

PROJECT MANAGER

BRIAN MITCHELL, P.E.

DESIGNED BY

RILEY MORGAN, E.I.T.

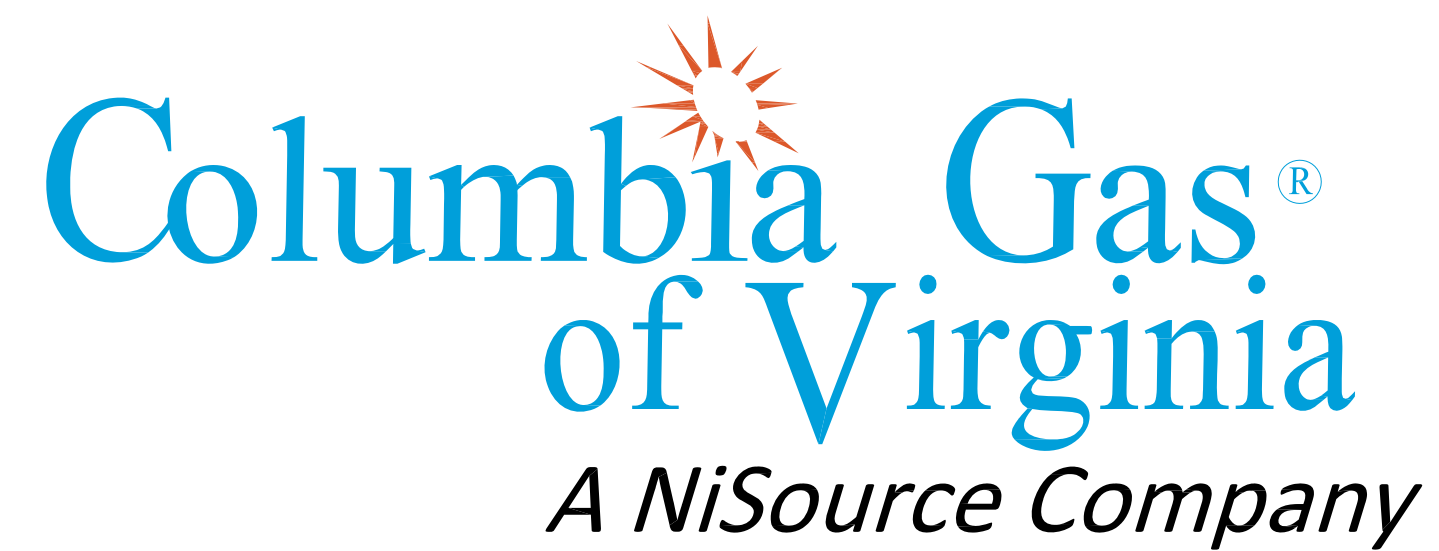
CHECKED BY

PROJ.#

20150279

SHEET #

C - 3

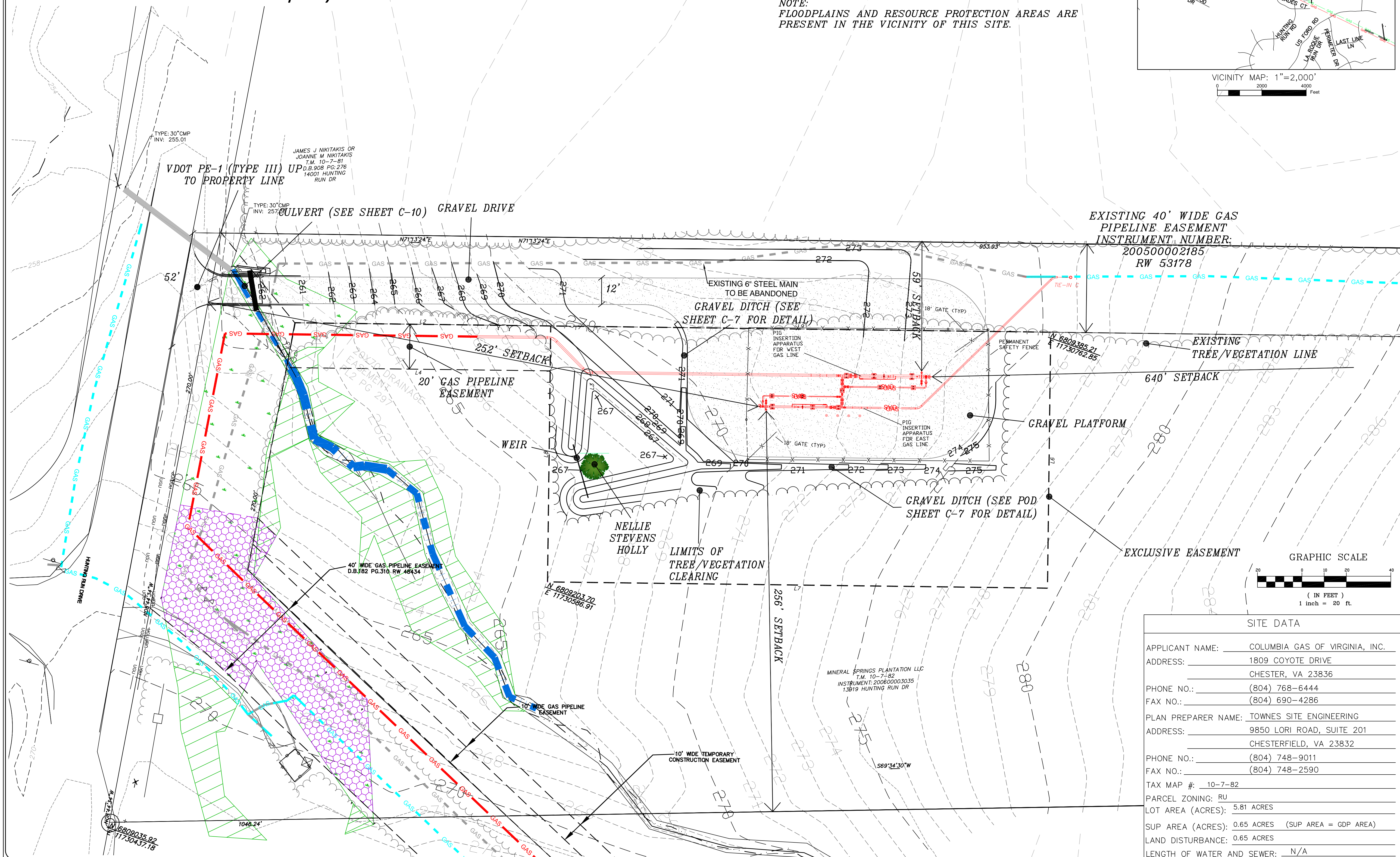
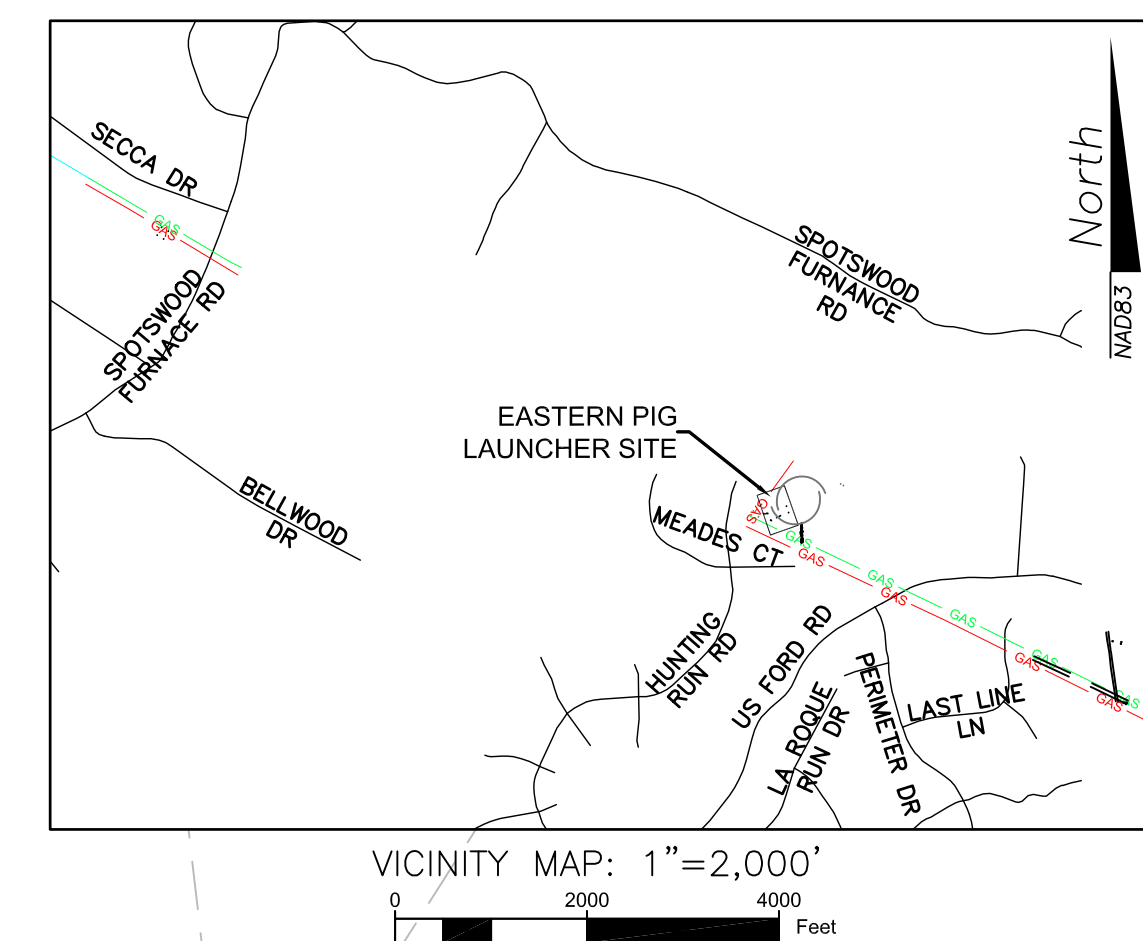


NOTES
EXPECTED TRAFFIC INCREASE: 1 VEHICLE PER 2 MONTHS

PRE-DEVELOPMENT EAST		POST-DEVELOPMENT EAST	
PERVIOUS	0.65 ACRES	PERVIOUS	0.33 ACRES
IMPERVIOUS	0.00 ACRES	IMPERVIOUS	0.32 ACRES

NOTE:
EXPECTED TRAFFIC INCREASE: 1 VEHICLE PER 2 MONTHS

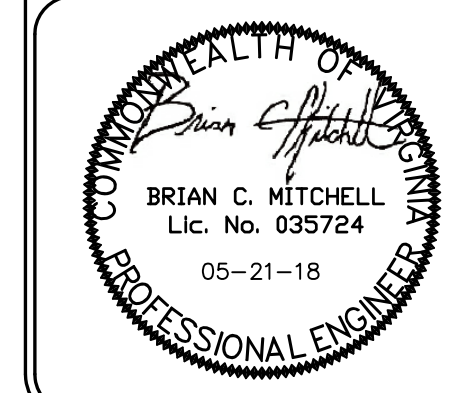
NOTE:
FLOODPLAINS AND RESOURCE PROTECTION AREAS ARE
PRESENT IN THE VICINITY OF THIS SITE.



Townes
SITE ENGINEERING
9850 Lori Road, Suite 201
Chesterfield, Virginia 23832
Tel: (804) 748-9011 Fax: (804) 748-
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Phone: (804) 748-9011 Fax: (804) 748-2590
 Chesterfield, Virginia 23062
 Company Website: www.cctownes.com

ASK US HOW



*PIC INSERTION FACILITY
SPOTSYLVANIA COUNTY, VIRGINIA*

EASTERN PIG INSERTION SITE

SITE DATA	
APPLICANT NAME:	COLUMBIA GAS OF VIRGINIA, INC.
ADDRESS:	1809 COYOTE DRIVE
	CHESTER, VA 23836
PHONE NO.:	(804) 768-6444
FAX NO.:	(804) 690-4286
PLAN PREPARER NAME:	TOWNES SITE ENGINEERING
ADDRESS:	9850 LORI ROAD, SUITE 201
	CHESTERFIELD, VA 23832
PHONE NO.:	(804) 748-9011
FAX NO.:	(804) 748-2590
TAX MAP #:	10-7-82
PARCEL ZONING:	RU
LOT AREA (ACRES):	5.81 ACRES
SUP AREA (ACRES):	0.65 ACRES (SUP AREA = GDP AREA)
LAND DISTURBANCE:	0.65 ACRES
LENGTH OF WATER AND SEWER:	N/A

REVISIONS	
DATE	ITEM
4-12-18	PER CO. COMMENTS
5-1-18	PER CO. COMMENTS
5-21-18	PER CO. COMMENTS

DATE
2-9-18

SCALE
1" = 20'

PROJECT MANAGER
BRIAN MITCHELL, P.E.

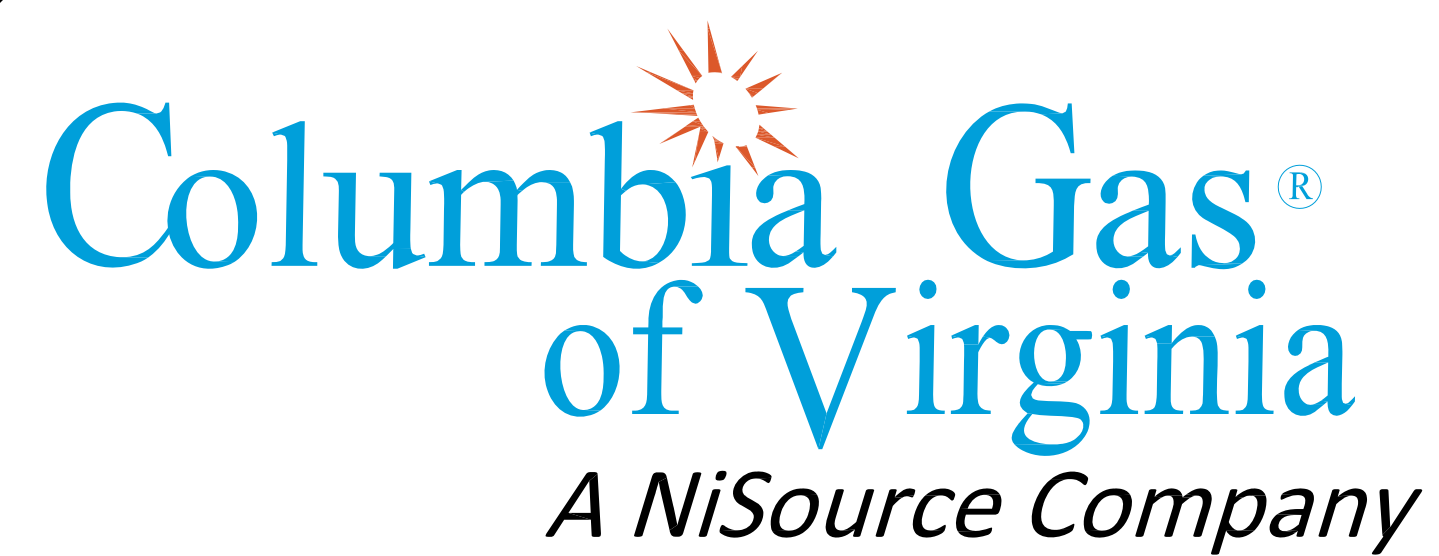
DESIGNED BY
RILEY MORGAN, E.I.T.

CHECKED BY

PROJ.#
20150279

SHEET #
C - 4

	TS
	TS
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ASK US NOW	
Company website:	

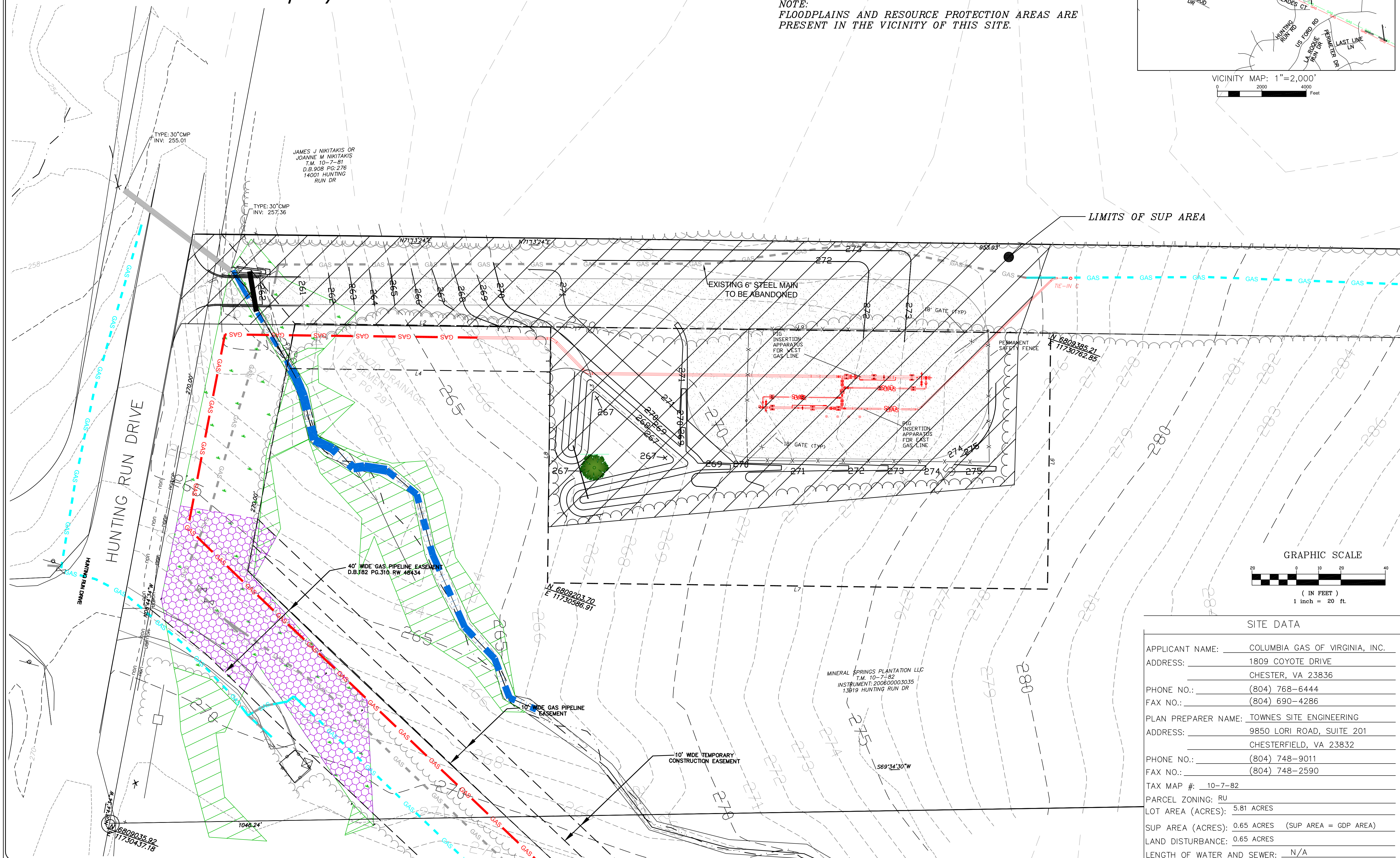
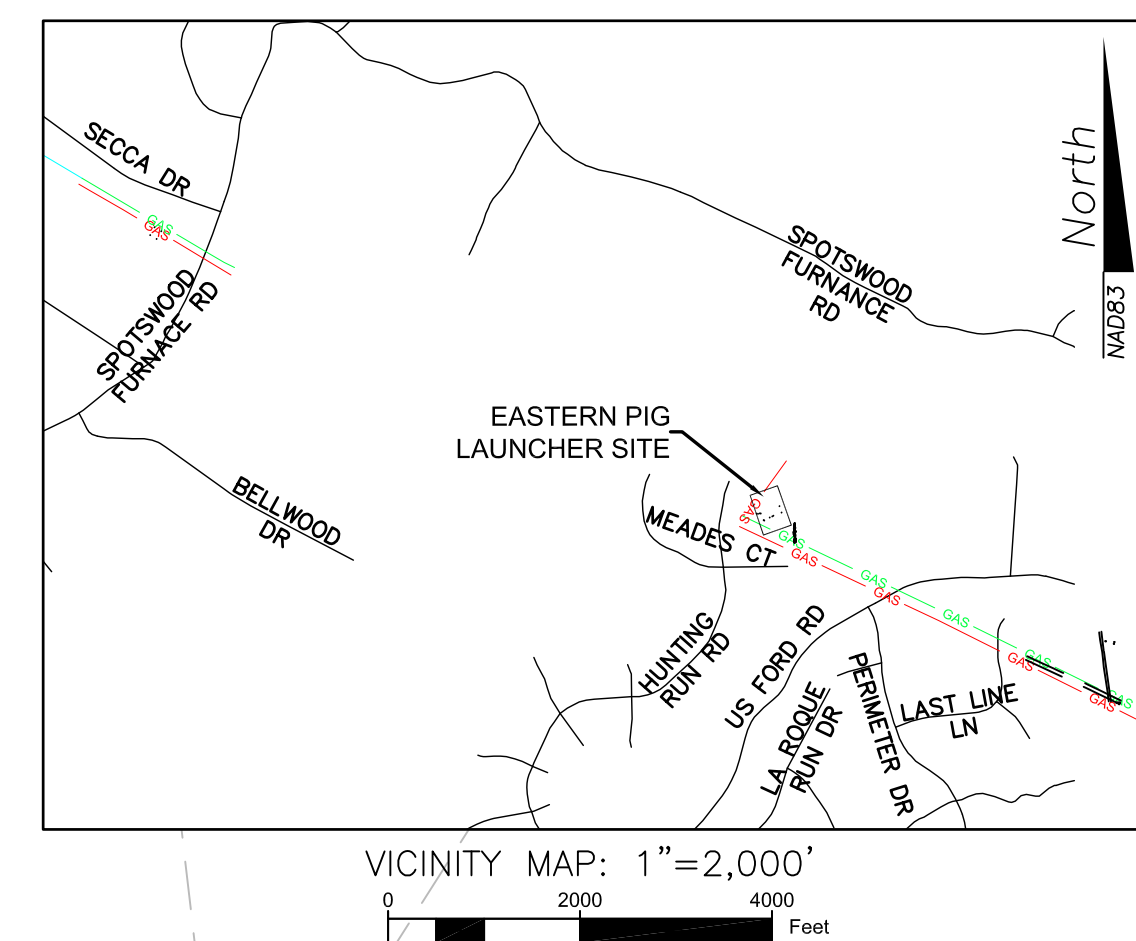


NOTES
EXPECTED TRAFFIC INCREASE: 1 VEHICLE PER 2 MONTHS

IMPERVIOUS AREA INCREASE			
PRE-DEVELOPMENT EAST		POST-DEVELOPMENT EAST	
PERVIOUS	0.65 ACRES	PERVIOUS	0.33 ACRES
IMPERVIOUS	0.00 ACRES	IMPERVIOUS	0.32 ACRES

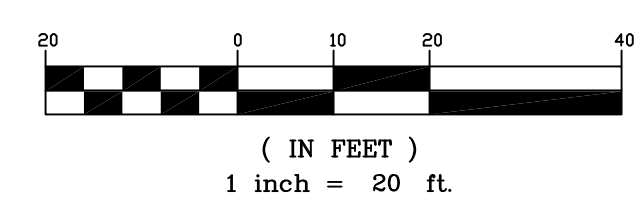
NOTE:
EXPECTED TRAFFIC INCREASE: 1 VEHICLE PER 2 MONTHS

NOTE:
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PRESENT IN THE VICINITY OF THIS SITE.



— *LIMITS OF SUP AREA*

GRAPHIC SCALE



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LENGTH OF WATER AND SEWER: N/A

REVISIONS

DATE	ITEM
4-12-18	PER CO. COMMENTS
5-1-18	PER CO. COMMENTS
5-21-18	PER CO. COMMENTS

DATE
2-9-18

SCALE
1" = 20'

PROJECT MANAGER
BRIAN MITCHELL, P.E.

DESIGNED BY
RILEY MORGAN, E.I.T.

CHECKED BY

PROJ.#
20150279

SHEET #
C - 5

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VICINITY MAP: 1"=2,000'

0 2000 4000 Feet



*PIC INSERTION FACILITY
SPOTSYLVANIA COUNTY, VIRGINIA*

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